

**THE CLAIMS**

1. For use in conjunction with a two-part electrical connector of the type comprising a male component and a female component for receiving the male component and having spaced, parallel transversely extending apertures extending therethrough, a retainer clip for securing the male component in engagement with the female component of the connector comprising:

spaced parallel feet spaced a predetermined distance apart equal to the distance separating the transversely extending apertures through the female component of the connector;

legs extending upwardly and inwardly from the feet;

male connector engaging arms extending from the ends of the legs remote from the feet parallel to and above the feet;

camming members extending downwardly from the ends of the male connector engaging arms remote from the legs; and

means connecting the two sides of the retainer clip;

the feet, legs, engaging arms, camming members, and connecting means defining a continuous wire spring

retainer clip having a spring action which normally biases the retainer clip to hold the male component and the female component of the two part electrical connector suitably engaged with a continuously applied force such that the engagement resists shock and vibrational forces which might otherwise dislodge the engagement therebetween.

2. The retainer clip according to claim 1 wherein the connecting means comprises a handle facilitates flexure of the engaging arm away from the feet thereby facilitating removal of the retainer clip.

3. The retainer clip according to claim 1 wherein the feet are selectively positionable with respect to one another to facilitate engagement of the feet with the apertures extending through the female component of the connector.

4. The retainer clip according to claim 2 wherein the handle is adapted to open the retainer clip responsive to the application of minimal force thereto.

5. The retainer clip according to claim 2 wherein the camming members flex the retainer clip into an open configuration upon engagement with the male component of the two part electrical connector to enable the retainer clip to be extended over the two part electrical connector and thereafter release the retainer clip to resiliently clamp the male and female components of the two part electrical connector in engagement with one another.